

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1) (currently amended) An acoustic waveguide for propagating sound radiation from an acoustic transducer having a throat and a mouth termination, wherein two ~~or more~~ sections lie along the length of said waveguide, wherein the first section is connected to said throat and has a ~~have~~ bounding surfaces that ~~are~~ is substantially Elliptic Cylinder and whose output is directly connected to the second section, which is substantially Prolate Spheroidal and having an output which is said coordinates from the throat to the mouth termination.
- 2) (Cancelled) The waveguide of claim 1 having a first and second section wherein; the first waveguide section is Elliptic Cylinder and the second is Prolate Spheroidal.
- 3) The waveguide of claim 1 wherein;
~~the~~ a mouth termination has a radius.
- 4) (Cancelled) The waveguide of claim 2 wherein;
~~the~~ a mouth termination has a radius.